

PATENT

Case Docket No. DECLE116.001APC  
Date: July 25, 2006



### TRANSMITTAL LETTER

Applicant : D'Haes, Wim  
App. No : 10/581,141  
Filed : May 31, 2006  
For : A HIGHLY OPTIMIZED NONLINEAR  
LEAST SQUARES METHOD FOR  
SINUSOIDAL SOUND MODELLING  
Art Unit : Unknown

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 25, 2006

(Date)

Che Swyden Chereskin, Ph.D., Reg. No. 41,466

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-referenced patent application are the following:

- (X) Power of Attorney and Copy of Assignment.
- (X) The present application qualifies for small entity status under 37 C.F.R. § 1.27.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment, to Account No. 11-1410.

Che Swyden Chereskin, Ph.D.  
Registration No. 41,466  
Agent of Record  
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ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

PATENT

To the Commissioner of Patents and Trademarks:

The undersigned is empowered to act on behalf of the assignee indicated below (the "Assignee"). The original assignment of the attached application for Letters Patent for the invention in A HIGHLY OPTIMIZED NONLINEAR LEAST SQUARES METHOD FOR SINUSOIDAL SOUND MODELLING from the inventors to the Assignee is being submitted herewith for recordation by the Assignment Branch. A true copy of this Assignment is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee. I have reviewed this Assignment, and to the best of the Assignee's knowledge and belief, the Assignee is the owner of the entire right, title, and interest in the above-referenced application.

I declare that all statements made herein of my own knowledge are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

Assignee: ANTWERP INNOVATION CENTER N.V.

By: LUC LAMMENS

Title: GENERAL MANAGER

Address: DRIE EIKEN STRAAT 661

2650 EDEGEM

BELGIUM.

Dated: 17 July 2006

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ASSIGNMENT

PATENT

WHEREAS, I/WE (I) Wim D'Haes, a Belgian citizen, residing at Maastrichtersteenweg 223/2, B-3500 Hasselt, Belgium, hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in A HIGHLY OPTIMIZED NONLINEAR LEAST SQUARES METHOD FOR SINUSOIDAL SOUND MODELING, the specification of which:

- (a) ☐ was executed on even date herewith;
- (b) ☐ was filed on \_\_\_\_\_ as ☐ Application No. 0 / \_\_\_\_\_ or ☐ Express Mail No., as Application No. not yet known \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or
- (c) ☒ was described and claimed in PCT International Application No. PCT/EP2004/013630 filed on December 1, 2004 and as amended under PCT Article 19 on December 3, 2005 (if any) and/or under PCT Article 34 on \_\_\_\_\_ (if any).

AND WHEREAS, AIC, with its principal place of business at Drie Eikenstraat 661, B-2650 Edegem, Belgium, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 26 day of JUNE, 2006

\_\_\_\_\_  
Signature of Wim D'Haes

Witnessed by:

\_\_\_\_\_  
Philip Hendrickx